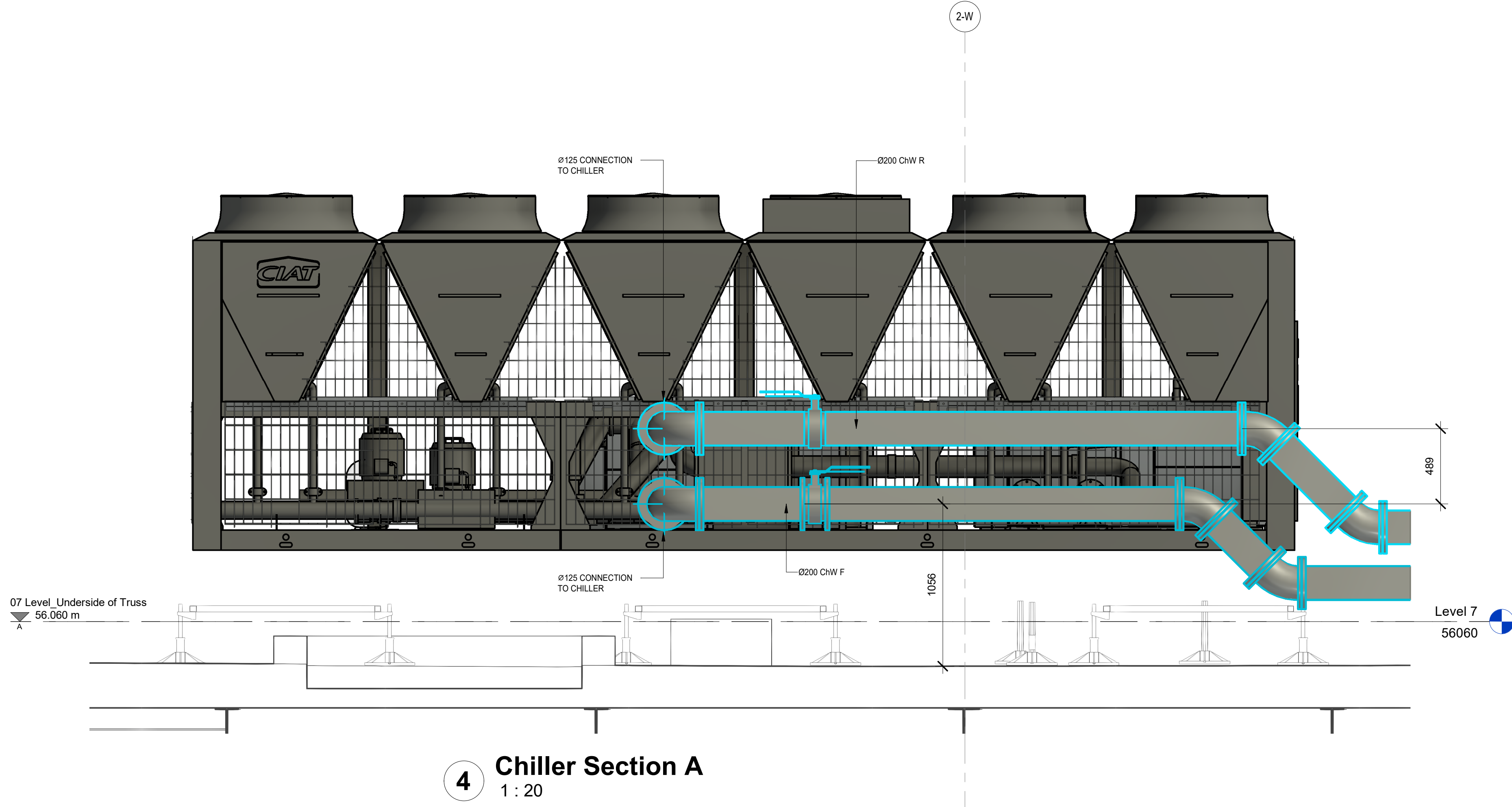
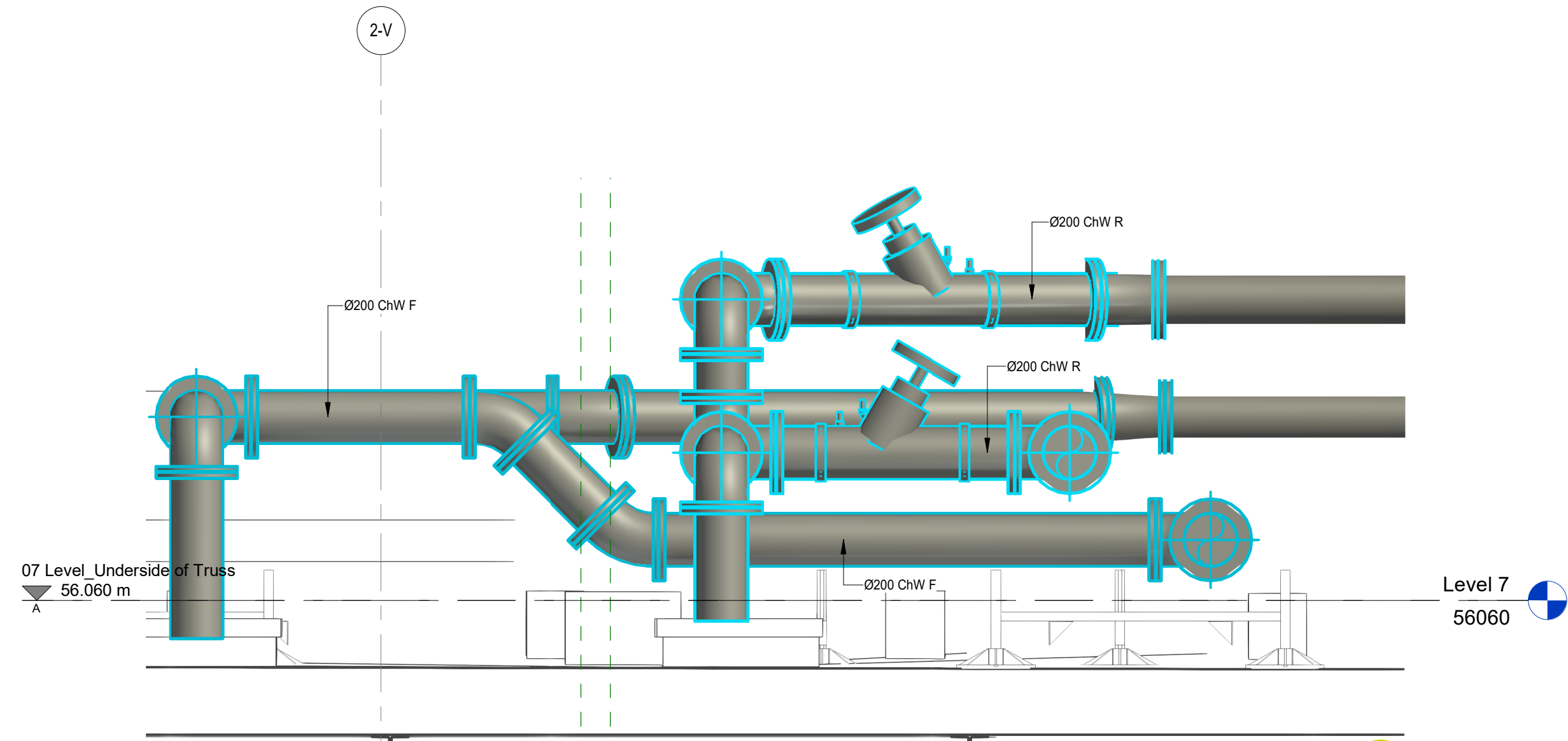
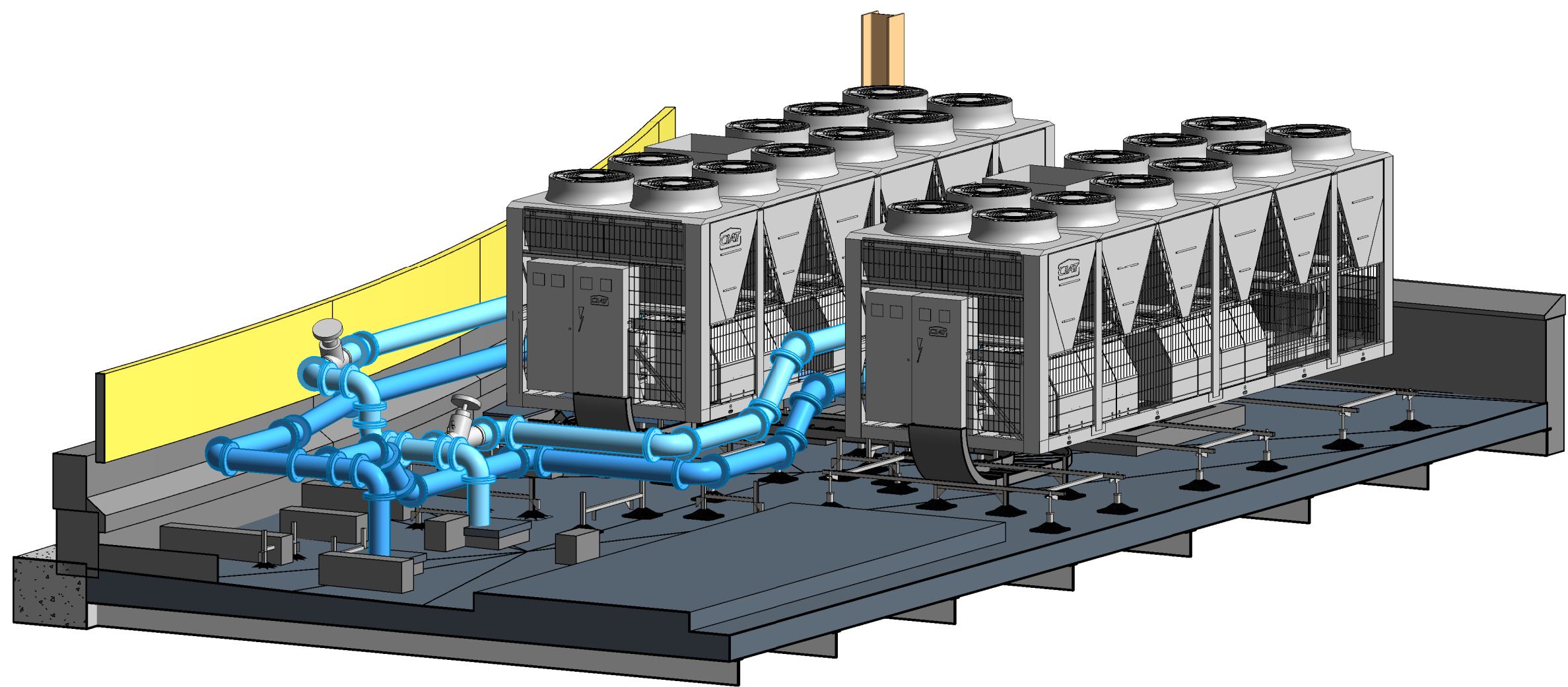




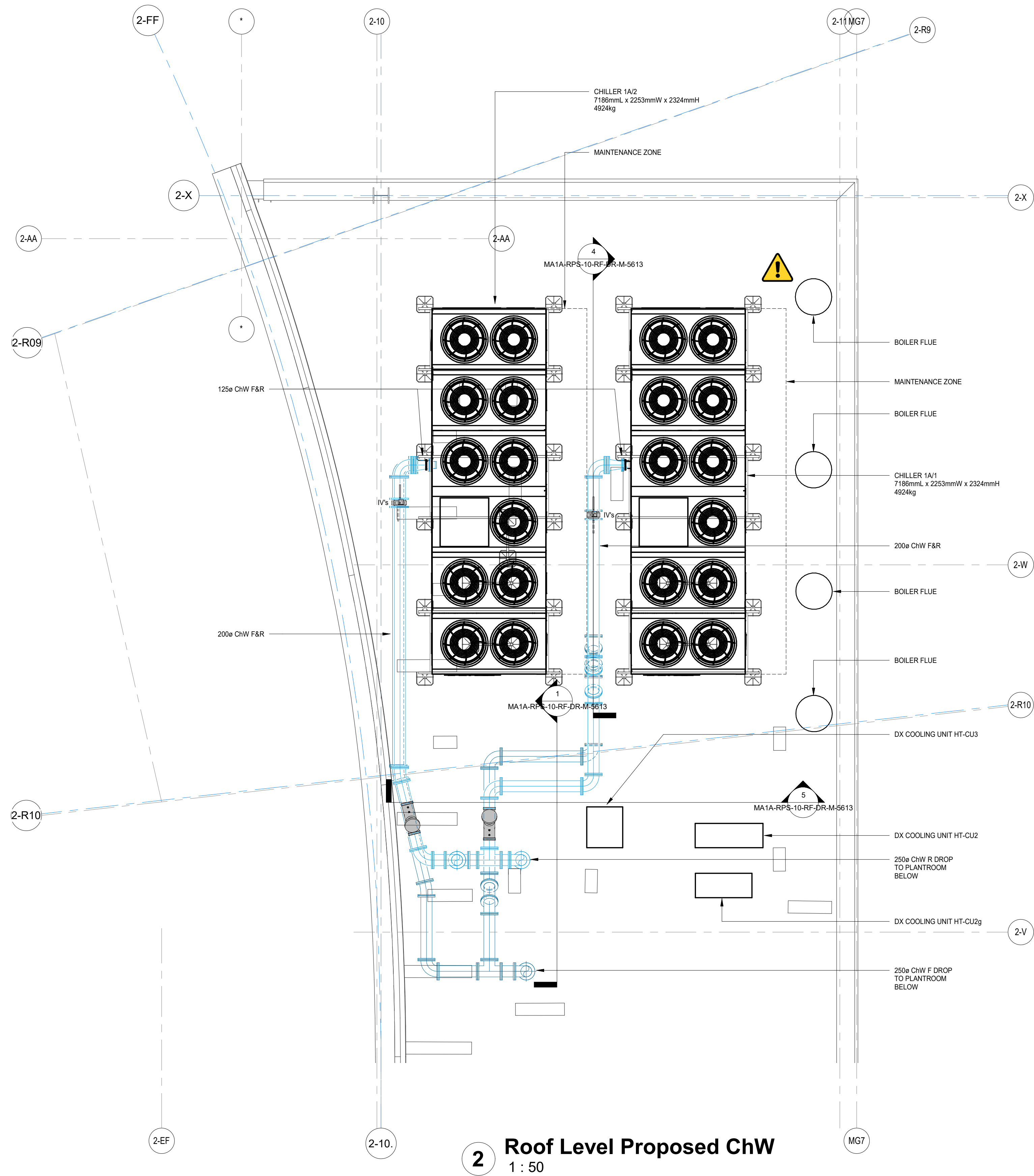
4 Chiller Section A
1 : 20



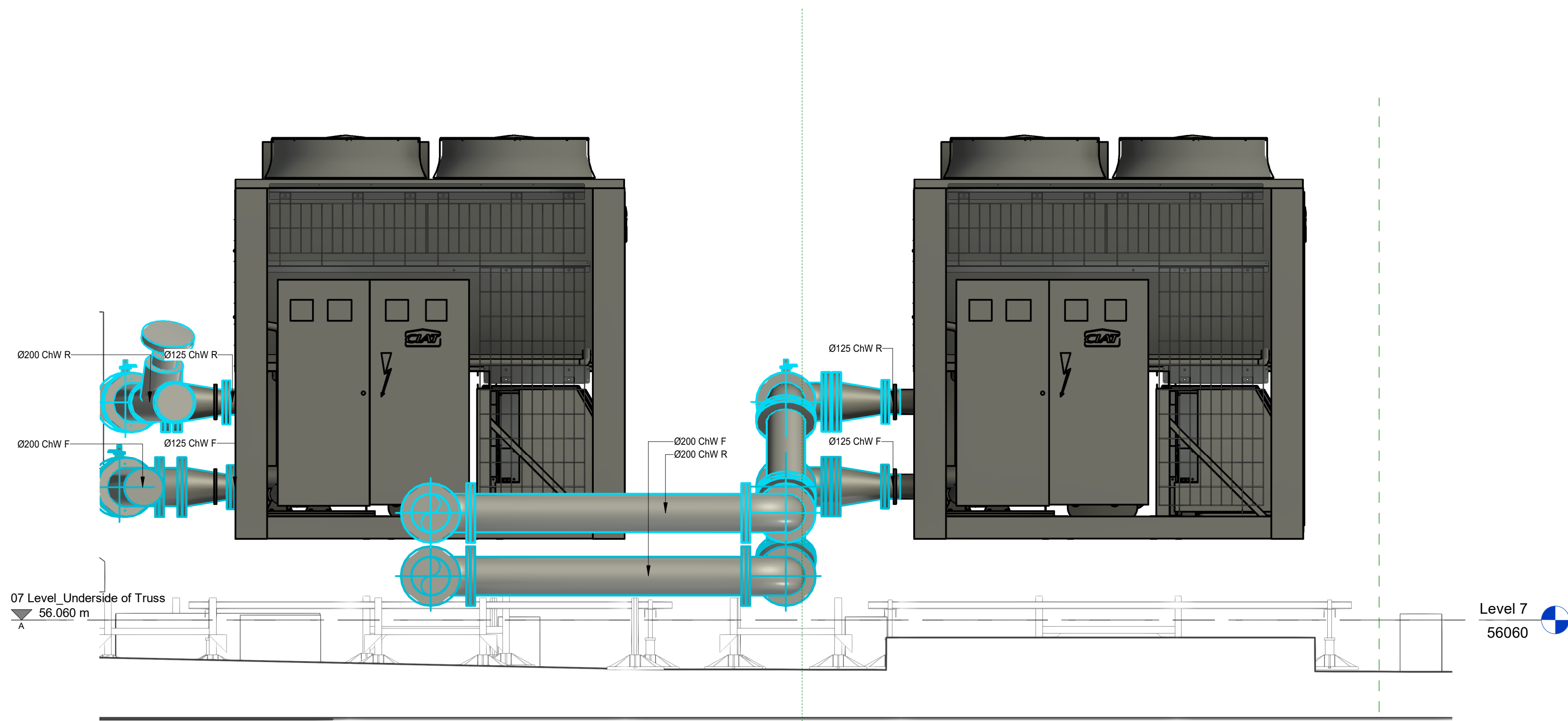
1 Chiller Section B
1 : 20



3 Roof Chillers



2 Roof Level Proposed ChW
1 : 50



5 Chiller Section C
1 : 20

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Notes

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4. This Drawing is not to be used for Construction/Installation purposes. It is a general arrangement Design Drawing and the Contractor shall produce their own Working Drawing for installation purposes.

For guidance only. Do not scale off this drawing.									
1:20	0	200mm	400mm	600mm	800mm	1000mm	1200mm	1400mm	1600mm
1:50	0	100	200	300	400	500	600	700	800
1:10	0	10	20	30	40	50	60	70	80
1:5	0	1	2	3	4	5	6	7	8

Safety, Health & Environment Information

In addition to the hazards/risks normally associated with the types of work detailed on this drawing take note below. It is assumed that all work on this drawing will be carried out by a competent contractor, working, where appropriate, to an appropriate method statement.

Construction Risks	Maintenance/Cleaning Risks	Demolition/Adaption Risks

LEGEND

BCW	- BOOSTED COLD WATER
CHW F	- CHILLED WATER FLOW
CHW R	- CHILLED WATER RETURN
DHW F	- DOMESTIC HOT WATER FLOW
DHW R	- DOMESTIC HOT WATER RETURN
FDR	- FIRE FIGHTING DRY RISER
FSP	- FIRE SPRINKLER
LTHW F	- LOW TEMP HOT WATER FLOW
LTHW R	- LOW TEMP HOT WATER RETURN
NG	- NATURAL GAS

REFER TO DRAWING No. MA1A-RPS-10-XX-DR-M-5609 FOR VALVE DETAILS.

Rev	Description	By	Date
C02	Additional Revisions	AP	28.03.23
C01	Construction Issue	AP	17.03.23

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Lorne Stewart
Engineering

Client AO Arena, Manchester

Project Phase 1a, Manchester Arena Project

Title Level 5 Roof ChW Services Layout

Project Stage	Scale	Date Created
Contract Issue	As indicated	03/01/23
Project Lead	Designer	Information Manager
MMc	AP	CB

Document Number
MA1A-RPS-10-RF-DR-M-5613

Project Code	Originator	Breakdown	Level	Type	Discipline	Unique No.
RPS Project Number						
BSM13850						

Status Code
A5 **C01**